Sheet 1 d SEPARTMENT OF COMMERCE ENT AND TRADEMARK OFFICE ATTY. DKT. NO. SERIAL NO. 503.34972CX2 10/629,711 **Equivalent** APPLICANT INFORMATION DISCLOSURE STATEMENT BY APPLICANT **UTSUMI** et al FILING DATE GROUP (Use several sheets if necessary) 2871 July 30, 2003 U.S. PATENT DOCUMENTS

Ex. In	itial	Doc. No.	Date	Name	Class	Subclass Filing Date
0	AA	5,414,542 5/95		Kawagishi		
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U.S. PATENT APPLICATIONS

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FOREIGN PATENT DOCUMENTS

		Doc. No.	Date	Country	Class	Subclass	Translation/Abstract?	
		2001.1101					Yes	No
0	AM	03-233518		Japan			Х	
0	AN	04-181219		Japan			Х	
ŏ	AO	04-057011		Japan			Х	
d	AP	08-068997		Japan			Х	
45	AQ	08-082715		Japan	7		Х	

OTHER DOCUMENTS AR AS AT Date Considered Examiner 4/13/06

U.S. PATI	ENT	BY.	APPLICAL ral sheets if no		Jul		ATE	GRO	
U.S. PATI Examiner Initial FOREIGE	AA AB AC AD AE AF AG AH AI	BY (Use sever DOCUMENT) Document Number 5,841,498 4,632,514 5,139,340 4,345,249 5,048,933 RE 33987 5,132,825 5,211,463	APPLICAL ral sheets if no IS Date 11-98 12-86 8-92 8-82 9-91 7-92 7-92 5-93	Name Baur, et al. Ogawa, et al. Okumura Togashi Asano Suzawa Miyadera Kalmanash	FIL	LING D ly 30, 2	2003		
Examiner Initial FOREIG!	AA AB AC AD AE AF AG AH AI AJ	(Use sever DOCUMENT Document Number 5,841,498 4,632,514 5,139,340 4,345,249 5,048,933 RE 33987 5,132,825 5,211,463	Date 11-98 12-86 8-92 8-82 9-91 7-92 7-92 5-93	Name Baur, et al. Ogawa, et al. Okumura Togashi Asano Suzawa Miyadera Kalmanash	Jul	ly 30, 2	2003		
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FOREIG!	AA AB AC AD AE AF AG AH AI AJ	Number 5,841,498 4,632,514 5,139,340 4,345,249 5,048,933 RE 33987 5,132,825 5,211,463	11-98 12-86 8-92 8-82 9-91 7-92 7-92 5-93	Baur, et al. Ogawa, et al. Okumura Togashi Asano Suzawa Miyadera Kalmanash			Subcass	Fung	
FOREIG! Examiner	AB AC AD AE AF AG AH AI AJ	4,632,514 5,139,340 4,345,249 5,048,933 RE 33987 5,132,825 5,211,463	12-86 8-92 8-82 9-91 7-92 7-92 5-93	Ogawa, et al. Okumura Togashi Asano Suzawa Miyadera Kalmanash					
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	AM	91/10936	7-91	WO					
	AN	3-233518	10-91	Japan					
	AO	4-181219	6-92	Japan					
	AP	6-222397	8-94	Japan					
	AQ	63-21907	5-88	Japan				┷	
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